BRUHATH BANGALORE MAHANAGARA PALIKE
DASARAHALLY ZONE

Name of work : Emergency work -Desilting of drains and other maintenance works in ward no 12, Shettyhalli sub Division

Estimated Cost Rs : 20.00 Lakhs | **Job No : 012-18-000036**

Description of work	Unit	Measurements				Qty	Rate	Amount
		No	L	B	D			
Earthwork excavation by manual means in Ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications with all leads and lifts etc., complete as per the direction of Engineer-in-charge of the work.**(PWD SR ~~2016-17~~ 2018-19, Page No.142, Item No. 19.1)** including Conveying the excavated earth silt, debris and over burden earth etc., to lead of 0 to 5 kms distance by using private vehicle this includes the cost of loading and unloading charges etc., complete as per the direction of Engineer-in-charge of the work								
Drain deslitiing surrounding rama temple	cum	2	2600	0.60	0.35	1092.00		
Removing additional earth on road		2	2300	1.00	0.20	920.00		
for road Behind Rama temple		1	11.40	10.90	0.30	37.28		
		1	10.60	12.30	0.30	39.11		
y Mac		1	12.60	3.60	0.30	13.61		
		1	15.00	2.00	0.30	9.00		
Culvert		5	6.00	1.80	1.00	54.00		
						2165.00	**211.79**	**458521.00**
Basic Rate	**130.00**							
add loading & unloading charges	57.00							
lead for 5 km=5*1.28*2.0	12.80							
Total	199.80							
add AW 6%	11.99							
	211.79							

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	KSRRB M2100 -10. **Plain cement concrete of mix 1:3:6** with OPC cement @ 250kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46 cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scafofolding and centering complete as per specifications MORTH Specification No. 2100 **(PWD SR 2017-18 Page No.222 2018-19 Item No. 27.18)**								
	for road work	**cum**	1	11.40	10.90	0.15	18.64		
	Behind Rama temple		1	10.60	12.30	0.15	19.56		
			1	12.60	3.60	0.15	6.80		
	y Mac		1	15.00	2.00	0.15	4.50		
			5	6.00	1.80	0.15	8.10		
	Culvert						**57.60**	**5421.90**	**312301.00**
	Basic rate	5115.00							
	Add AW 6%	306.90							
		5421.90							
B	Providing laying palin / reinforced cement concrete for **side Drain using M20 nominal mix concrete** with OPC at 300 kgs with 20 mm and down size granite metal coarse aggregates at 0.69 cum fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc., completet excluding cost of steel ae per MMORTH specification No 1500, 1700, 2200. including cost of materials, labour, HOM completet as per specificatios. wall and bottom thickness 15 cms **(PWD SR 2018-19 It No 37.59.1 Page No 271)**								
b	**For Culverts bottom**	cum	5	6.00	1.60	0.15	7.20		
	side wall		10	6.00	0.35	0.90	18.90		
	slab		5	6.00	1.50	0.25	11.25		
	Ramp		5	6.00	0.60	0.15	2.70		
							40.05	**7070.20**	**283162.00**
	Basic rate	6670.00							
	Add AW 6%	400.20							
		7070.20							
4	KSRRB M2200-6. **Supplying, fitting and placing TMT bar Fe 500** reinforcement in sub-structure complete as per drawing and Technical Specifications complete as per specificationsMORTH Specification No.1600 & 2200 **[P. No.229 - It No.28.8.2]**								
	for Culverts	**Tonne**	Qty=It 3(b)x 70 kg				2803.50		

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						2803.50		
					or say	2.80	72316.38	202739.00
Basic rate	68223.00							
Add AW 6%	4093.38							
	72316.38							
	Constructing un-reinforced, plain cement concrete for pavements using Grade concrete M30 over a prepared base with OPC coarse aggregate at 0.69 cum, fine aggregates at 0.46 cum,Coarse and fin aggregate conforming to IS:383-2016, with Superplastizer at 3 lts conforming to IS 9103-2008. mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). & Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished with floaters in a continuous operation including provision of contraction, expansion, construction and longitudinal joints,including groove cutting charges, joint filler, separation membrane of impermiable plastic sheet of 125 micron, sealant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades, textured with texturing machine, and curing including cost of all materials, labour,hire charges of machineries,all lead & lift charges etc., complete as per specifications -do- with OPC at 360 kg/cum and coarse aggregate 0.69cum, fin aggregate 0.46cum. **(I No-22.6.1,P No-176)**									
Behind Rama temple	**cum**	1	11.40	10.90	0.15	18.64		
		1	10.60	12.30	0.15	19.56		
y Mac		1	12.60	3.60	0.15	6.80		
		1	15.00	2.00	0.15	4.50		
						49.50	**5210.96**	**257942.52**
Basic rate	4916.00							
Add AW 6%	294.96							
	5210.96							
6	**Supplying and fixing precast reinforced concrete slab 10 cm thick** of mix M20 using 20mm and downsize graded granite metal using reinforcement 10mm dia steel at 150mmc/c bothways cost, transportation, hire charges of machinery, machine cutting the vertical face to get plain even surface etc., complete with all leads and lift conveyance charges, labour charges inclusive of cost of all materials - Data rate approved by Chief Engineer, Dasarahalli zone								
Misssing slabs	**sqm**	2	16.00	1.20		38.40		
		2	17.00	1.20		40.80		
Approved Rate By CE. D'hally		~~2~~	~~16.90~~	~~1.20~~	8.10	~~40.56~~	2208.00	
		1	9.00	0.90		~~119.76~~	~~1680.00~~	~~201196.80~~
Approved Data rate	**1680.00**					87.30	"	192758.40

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					Sub Total			~~1715862.32~~ 1707423-92
Add GST & 12 %								~~205903.00~~ 204890.84
					Total Rs			~~1921765.32~~ 85371-19
Add KRIDL charges @ 4% Add T.P-5%								~~76871.00~~
Miscellaneous and unforeseen charges							L.S	~~1363.68~~ 2314.02
					Grand Total			2000000.00
(Rupees Twenty Lakhs Only)								

RTIFICATE

Certified that The work spot has been inspected by me and the work is necessary & site condition
Certified that the work is not split up
Certified that the estimate is based on PW,P&IWTD Bangalore Circle SR of 2018-19
Certified that Adequate & necessary provisions have made in the estimate.
Certified that the above area comes under BBMP limit
This Work is not included in any other work taken up

Asst Engineer
Ward-12

Assistant Executive Engineer
Shettyhalli Sub Division
B.B.M.P

Excecutive Engineer
Dasarahalli Division
B.B.M.P

ಸಂ. EE/DD/RS/34 / 18-19 ದಿನಾಂಕ : 5/12/18
ರೂ. Rs. 20.00 lakhs only
(Twenty lakhs)
ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಸ್ವೀಕೃತಿ ನೀಡಿದೆ
ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ.ದಾಸರಹಳ್ಳಿ ವಿಭಾಗ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು

ಸಂ. EE/DD/RS/09 / 18-19 ದಿನಾಂಕ : 6/12/18
ರೂ. Rs. 20.00 lakhs only
ಈ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ತಾಂತ್ರಿಕ ಸ್ವೀಕೃತಿ ನೀಡಿದೆ
ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
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ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು

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